Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Thursday 17 Feb 2022 until 23:59 on Friday 18 Feb 2022

Forecast Issued on Wednesday 16 Feb 2022 at 14:29

Confidence: High for windy and unsettled, particularly Friday, lowering for the detail of timing of poorest conditions.

Headline for Thursday 17 Feb 2022: Wintry showers. Severe gale, perhaps storm force summit winds initially.

Mountain weather hazards on Thursday 17 Feb 2022

Blizzards Low Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** Low Likelihood
Gales Medium Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers (night)	Light snow showers (night)	Heavy snow showers (night)	Heavy snow showers	Light snow showers	Light snow showers	Light snow showers (night)	Cloudy
Precipitation probability							
30%	40%	50%	40%	30%	30%	30%	10%

Forecast for Thursday 17 Feb 2022

Weather: A day of showers, with outbreaks heaviest and most frequent over western peaks such as Grasmoor and Ingleborough, particularly during the morning, with a small chance of thunderstorms. Snow level around 400m. Showers dying away early to mid-evening, while higher cloud feeds from the west towards midnight.

Chance of cloud-free hill tops above 800m: 70% for any given time, but virtually nil for prolonged periods given the showery nature of the flow.

Low cloud and visibility: Good becoming moderate to very poor in showers, only a few metres in cloud with bases lowering 500m sporadically.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Mountain Weather Forecast

Forecast for Thursday 17 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	53/68 W	53/69 W	48/63 W	41/55 W	39/53 W	30/42 W	22/29 W	18/24 SW	19/24 S
600	43/59 W	43/60 W	40/57 W	33/48 W	34/48 W	26/38 W	18/27 W	15/21 SW	16/23 S
300	17/49 W	18/50 W	17/46 W	15/40 W	16/40 W	12/30 W	8/20 W	6/17 SW	6/16 S
Valley	18/45 W	19/47 W	20/44 W	18/39 W	18/39 W	16/31 W	9/20 W	7/16 SW	7/15 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-1/-11	-2/-13	-2/-13	-3/-13	-2/-12	-2/-10	-2/-10	-2/-9	-2/-9
600	2/-7	1/-8	0/-9	-0/-9	0/-8	1/-6	-0/-7	-0/-6	-0/-6
300	4/-1	3/-2	2/-3	2/-3	3/-2	4/-1	2/-1	2/-1	2/-1
Valley	6/2	6/1	5/-0	5/0	6/1	6/2	5/2	5/2	5/2
Freezing Level*	700m	600m	500m	500m	500m	500m	500m	600m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Occasional blizzard conditions and wind chill effect most marketed across height peaks and though the morning.

Forecast for Friday 18 Feb 2022

Weather: Very unsettled with Storm Eunice crossing eastwards through the north of England bringing showers or longer periods of snow, heavy at times, also turning to rain sporadically at lower levels. Gradually becoming drier from the west from late afternoon and through the evening.

Maximum wind: Changeable due to the centre of the low crossing close to the region, peaking at 40 gust 60 mph, mainly during the afternoon.

Chance of cloud-free hill tops above 800m: 10% or less, becoming 25% late afternoon.

Low cloud and visibility: Frequently falling moderate to very poor in showers and longer periods of snow and rain, less so late in the day.

Temperature: **Valleys:** Minus Zero becoming 5 Celsius during the afternoon
At 800m: Minus 2 to 4 Celsius
Freezing level: 400-600m

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Mountain Weather Forecast

Ground Conditions Supplement

Date: Wednesday 16 February 2022. Location: Col between Lower Man and Whiteside at 10:34. Full report: Cumbria is under a Met Office Amber warning for wind from 14:00 today until Midnight as Storm Dudley passes over the UK. From Midnight until 06:00 tomorrow morning, it then becomes a yellow warning. Amber warnings indicate an increased likelihood of impacts from severe weather, including the possibility of travel delays, road and rail closures, power cuts, and potential risk to life and property. Extremely high winds are expected (90mph+ over high and exposed ground). It is therefore advisable to avoid going into the hills during this period. Today's readings were from below the summit Lower Man at an altitude of around 800m. No snow was encountered or seen today and with the temperature at that height around 4.5°C, any remaining snow will be thawing quickly. However, snow will be present on steep north and east-facing slopes above 800 -850m and more is forecast on Friday with the arrival of Storm Eunice. Anyone venturing out tomorrow is advised to plan routes carefully and expect high winds. Full winter clothing (warm and waterproof) including hats and gloves, and equipment including a map, compass, and headtorch are all essential. For anyone planning routes on any remaining snow, it is advisable to carry an ice axe and crampons/microspikes. Temperature: plus 4.5 C, Maximum wind speed 73.0 mph, Wind chill: minus 5.9 C, Average wind speed: 60.0 mph

Issued at: 1429 on Wed 16 Feb 2022

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast

© Crown Copyright 2022. All Rights Reserved.